

Please type a plus sign (+) inside this box → []

COPY OF PAPERS
ORIGINALLY FILED

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	10/034,924
Confirmation Number	1417
Filing Date	December 26, 2001
First Named Inventor	Stephen Moxham
Group Art Unit	2811
Examiner Name	Not yet assigned

Sheet	1	of	1	Attorney Docket No.	108298633US
-------	---	----	---	---------------------	-------------

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
EE	AA	U.S. Application No. 09/811,179		Corisis	Filed 03/16/01	
EE	AB	U.S. Application No. 10/023,036		Corisis	Filed 12/10/01	
EE	AC	6,048,755		Jiang et al.	04/11/00	TECHNOLOGY CENTER 200
EE	AD	6,097,087		Farnworth et al.	08/01/00	APR 30 2001
EE	AE	6,118,179		Farnworth et al.	09/12/00	RECEIVED
EE	AF	6,180,504 B1		Farnworth et al.	01/30/01	2001
EE	AG					
EE	AH					
EE	AI					
EE	AJ					

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Cite No	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number				
EE	AK						
EE	AL						
EE	AM						
EE	AN						
EE	AO						

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
EE	AP	Lau, John H., "Ball Grid Array Technology," McGraw-Hill, Inc., Chapter 8, "Reliability of Ceramic Ball Grid Array Assembly," pp. 224-265.	
EE	AQ		

EXAMINER

EE *John H. Lau*

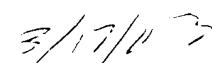
DATE CONSIDERED

3/12/02

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
Sheet	1	of	3	Application Number	10/034,924
				Confirmation Number	1417
				Filing Date	December 26, 2001
				First Named Inventor	Stephen Moxham
				Group Art Unit	2826
				Examiner Name	Alexander O. Williams
				Attorney Docket No.	108298633US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
OW	AA	5,062,565		Wood et al.	11/05/1991	
	AB	5,128,831		Fox, III et al.	07/07/1992	
	AC	5,145,099		Wood et al	09/08/1992	
	AD	5,593,927		Farnworth et al.	01/14/1997	
	AE	5,677,566		King et al.	10/14/1997	
	AF	5,826,628		Hamilton	10/27/1998	
	AG	5,879,965		Jiang et al.	03/09/1999	
	AH	5,891,797		Farrar	04/06/1999	
	AI	5,946,553		Wood et al.	08/31/1999	
	AJ	5,986,209		Tandy	11/16/1999	
	AK	5,990,566		Farnworth et al.	11/23/1999	
	AL	Re. 36,469		Wood et al.	12/28/1999	
	AM	6,018,249		Akram et al.	01/25/2000	
	AN	6,020,624		Wood et al.	02/01/2000	
	AO	6,025,728		Hembree et al.	02/15/2000	
	AP	6,048,744		Corisis et al.	04/11/2000	
	AQ	6,072,233		Corisis et al.	06/06/2000	
	AR	6,089,920		Farnworth et al.	07/18/2000	
	AS	6,097,087		Farnworth et al.	08/01/2000	
	AT	6,103,547		Corisis et al.	08/15/2000	
	AU	6,107,122		Wood et al.	08/22/2000	
	AV	6,130,474		Corisis	10/10/2000	
	AW	6,133,068		Kinsman	10/17/2000	
	AX	6,133,622		Corisis et al.	10/17/2000	
OW	AY	6,148,509		Schoenfeld et al.	11/21/2000	

EXAMINER		DATE CONSIDERED	
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/034,924
				Confirmation Number	1417
				Filing Date	December 26, 2001
				First Named Inventor	Stephen Moxham
				Group Art Unit	2826
				Examiner Name	Alexander O. Williams
Sheet	2	of	3	Attorney Docket No.	108298633US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document
		NUMBER	Kind Code (if known)		
AM	AZ	6,150,710		Corisis	11/21/2000
	BA	6,153,924		Kinsman	11/28/2000
	BB	6,188,232	B1	Akram et al.	02/13/2001
	BC	6,201,304	B1	Moden	03/13/2001
	BD	6,214,716	B1	Akram	04/10/2001
	BE	6,225,689	B1	Moden et al.	05/01/2001
	BF	6,228,548	B1	King et al.	05/08/2001
	BG	6,229,202	B1	Corisis	05/08/2001
	BH	6,232,666	B1	Corisis et al.	05/15/2001
	BI	6,239,489	B1	Jiang	05/29/2001
	BJ	6,246,108	B1	Corisis et al.	06/12/2001
	BK	6,246,110	B1	Kinsman et al.	06/12/2001
	BL	6,247,629	B1	Jacobson et al.	06/19/2001
	BM	6,258,623	B1	Moden et al.	07/10/2001
	BN	6,258,624	B1	Corisis	07/10/2001
	BO	6,259,153	B1	Corisis	07/10/2001
	BP	6,261,865	B1	Akram	07/17/2001
	BQ	6,265,766	B1	Moden	07/24/2001
	BR	6,271,580	B1	Corisis	08/07/2001
	BS	6,281,042	B1	Ahn et al.	08/28/2001
	BT	6,284,571	B1	Corisis et al.	09/04/2001
	BU	6,285,204	B1	Farnworth	09/04/2001
	BV	6,291,894	B1	Farnworth et al.	09/18/2001
	BW	6,297,547	B1	Akram	10/02/2001
AM	BX	6,303,981	B1	Moden	10/16/2001

RECEIVED
 JAN 14 2003
 TECHNOLOGY CENTER 2800

EXAMINER		DATE CONSIDERED
<i>[Signature]</i>		<i>2/17/03</i>
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
Sheet	3	of	3	Application Number	10/034,924
				Confirmation Number	1417
				Filing Date	December 26, 2001
				First Named Inventor	Stephen Moxham
				Group Art Unit	2826
				Examiner Name	Alexander O. Williams
				Attorney Docket No.	108298633US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document
		Office NUMBER	Kind Code (if known)		
AL	BY	6,303,985	B1	Larson et al.	10/16/2001
	BZ	6,310,390	B1	Moden	10/30/2001
	CA	6,326,698	B1	Akram	12/04/2001
	CB	6,329,222	B1	Corisis et al.	12/11/2001
	CC	6,329,705	B1	Ahmad	12/11/2001
	CD	6,331,221	B1	Cobbley	12/18/2001
	CE	6,331,448	B1	Ahmad	12/18/2001
AM	CF	6,344,976	B1	Schoenfeld et al.	02/05/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T

RECEIVED
JAN 14 2003
TECHNOLOGY CENTER 2800

EXAMINER	<i>A. O. Williams</i>	DATE CONSIDERED	<i>1/14/03</i>
----------	-----------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).